

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|---------|---------------------|
| S185 | 0 | (COS or vatbonyl sulfide) same ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov \$4 or oxygen remov\$4) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:13 |
| S187 | 21 | (COS or carbonyl sulfide) same ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov \$4 or oxygen remov\$4) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:14 |
| S188 | 21 | ("COS" or carbonyl sulfide) same ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov \$4 or oxygen remov\$4) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:16 |
| S190 | 5 | ("COS" or carbonyl sulfide) and ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov \$4 or oxygen remov\$4) not S188 | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:24 |
| S189 | 26 | ("COS" or carbonyl sulfide) and ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov \$4 or oxygen remov\$4) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:24 |
| S192 | 0 | carbonyl sulfide and ("H.sub.2S" or hydrogen sulfide) and (CO or carbon monoxide) and ("O.sub.2" or oxygen) and ("H.sub.2O" or water) and ("O.sub.2" remov\$4 or oxygen remov\$4) | EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:25 |
| S191 | 0 | carbonyl sulfide and ("H.sub.2S" or hydrogen sulfide) same (CO or carbon monoxide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) same ("O.sub.2" remov\$4 or oxygen remov\$4) not S188 | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:25 |
| S193 | 38 | carbonyl sulfide and ("H.sub.2S" or hydrogen sulfide) and (CO or carbon monoxide) and ("O.sub.2" or oxygen) and ("H.sub.2O" or water) | EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:26 |
| S194 | 9 | ("3681024" "4552572" "6072097" "6214311" "6403051" "6652827" "6890962" "6962683" "6992114").PN. | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 12:30 |
| S198 | 25 | ("H.sub.2S" or hydrogen sulfide) same ("O.sub.2" or oxygen) same (carbonyl sulfide with concentration) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:24 |
| S197 | 230 | ("H.sub.2S" or hydrogen sulfide) same (carbonyl sulfide with concentration) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:24 |
| S196 | 230 | ("H.sub.2S" or hydrogen sulfide) same carbonyl sulfide with concentration | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:24 |
| S195 | 295 | carbonyl sulfide with concentration | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:24 |
| S200 | 3624 | carbonyl sulfide concentration or COS concentration | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:28 |

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| S199 | 3782 | carbonyl concentration or COS concentration | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:28 |
| S202 | 150 | (carbonyl sulfide concentration or COS concentration) same ("H.sub.2S" or hydrogen sulfide) same ("O.sub.2" or oxygen) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:29 |
| S201 | 525 | (carbonyl sulfide concentration or COS concentration) same ("H.sub.2S" or hydrogen sulfide) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:29 |
| S203 | 57 | (carbonyl sulfide concentration or COS concentration) same ("H.sub.2S" or hydrogen sulfide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:30 |
| S204 | 2 | (carbonyl sulfide concentration or COS concentration) same ("H.sub.2S" or hydrogen sulfide) same ("O.sub.2" or oxygen) same ("H.sub.2O" or water) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/07 16:31 |
| S205 | 9 | ("20060150812" "4138230" "4275044" "4359450" "4682985" "5137550" "5240476" "6033456" "6149859").PN. | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 16:33 |
| S207 | 0 | (carbonyl sulfide or COS) same ("H.sub.2S" or hydrogen sulfide) | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:57 |
| S206 | 0 | (carbonyl sulfide concentration or COS concentration) same ("H.sub.2S" or hydrogen sulfide) | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:57 |
| S211 | 32 | (carbonyl sulfide or COS) and treat\$4 and ("O.sub.2" or oxygen) and cataly\$3 | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:58 |
| S210 | 90 | (carbonyl sulfide or COS) and treat\$4 and ("O.sub.2" or oxygen) | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:58 |
| S209 | 1699 | (carbonyl sulfide or COS) and treat\$4 | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:58 |
| S208 | 8858 | (carbonyl sulfide or COS) | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 16:58 |
| S213 | 20 | (carbonyl sulfide or COS).ti. and ("O.sub.2" or oxygen) | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 17:12 |
| S212 | 317 | (carbonyl sulfide or COS).ti. | EPO; JPO; DERWENT | ADJ | OFF | 2010/04/07 17:12 |
| S215 | 16 | ("20010046942" "2446181" "2701179" "3422167" "3591333" "3883636" "4961911" "5270027" "5585078" "5849256" "5851947" "6271169").PN. OR ("6602819").URPN. | US-PGRUB; USPAT; USOCR | ADJ | ON | 2010/04/07 17:43 |
| S214 | 1 | "6602819".pn. | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 17:43 |
| S216 | 1 | "5853681".pn. | US-PGRUB; USPAT | ADJ | ON | 2010/04/07 17:48 |
| S217 | 11 | ("4582819" "4983367").PN. OR ("5853681").URPN. | US-PGRUB; USPAT; USOCR | ADJ | ON | 2010/04/07 17:49 |
| S218 | 1 | "3752877".pn. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 07:01 |
| S219 | 58 | ("3752877").URPN. | USPAT | ADJ | ON | 2010/04/08 07:03 |
| S226 | 4 | ("5976868" "6107353" "6156205" "7485275").PN. OR ("7655205").URPN. | US-PGRUB; USPAT; USOCR | ADJ | ON | 2010/04/08 07:47 |

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| S227 | 8 | ("4422958" "4427576" "4511668" "4544534" "5227356" "5660807" "5942201" "5993763").PN. OR ("7374737").URPN. | US-PGRUB; USPAT; USOCR | ADJ | ON | 2010/04/08 07:48 |
| S228 | 646 | 422/110.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:54 |
| S232 | 298 | 423/236.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:55 |
| S231 | 699 | 423/230.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:55 |
| S230 | 891 | 422/190.ccls. not S229 | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:55 |
| S229 | 2147 | 422/211.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:55 |
| S237 | 794 | 208/216R | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:56 |
| S236 | 1071 | 208/213 | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:56 |
| S235 | 505 | 208/208R | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:56 |
| S234 | 297 | 423/244.01.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:56 |
| S233 | 388 | 423/242.1.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:56 |
| S241 | 95 | 208/295 | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:57 |
| S239 | 181 | 208/243 | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:57 |
| S238 | 714 | 208/217 | US-PGRUB; USPAT | ADJ | ON | 2010/04/08 08:57 |
| S243 | 277 | 423/230,236,242.1,244.01.ccls. and (carbonyl sulfide or COS) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 13:55 |
| S242 | 64 | 422/110,211,190.ccls. and (carbonyl sulfide or COS) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 13:55 |
| S244 | 110 | 423/230,236,242.1,244.01.ccls. and (carbonyl sulfide or COS) same treat\$4 | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 13:56 |
| S246 | 35 | 208/208R,216R,213,217,243,244.ccls. and (carbonyl sulfide or COS) same treat\$4 | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 13:57 |
| S245 | 184 | 208/208R,216R,213,217,243,244.ccls. and (carbonyl sulfide or COS) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 13:57 |
| S247 | 11 | ("3725531" "4035474" "4085199" "4153674" "4735788" "4908201" "5106607" "5352433" "5514351" "6096280" "6113872").PN. OR ("7648692").URPN. | US-PGRUB; USPAT; USOCR | ADJ | ON | 2010/04/08 14:04 |
| S248 | 50 | 423/230,236,242.1,244.01.ccls. and (carbonyl sulfide or COS) same ("O.sub.2" or oxygen) same treat\$4 | US-PGRUB; USPAT | ADJ | OFF | 2010/04/08 14:19 |
| S249 | 647 | 422/110.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:24 |
| S250 | 2153 | 422/211.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:25 |
| S251 | 891 | 422/190.ccls. not S250 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:27 |

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| S252 | 700 | 423/230.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:29 |
| S253 | 298 | 423/236.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:31 |
| S254 | 388 | 423/242.1.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:35 |
| S256 | 1072 | 208/213 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:36 |
| S255 | 297 | 423/244.01.ccls. | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:36 |
| S257 | 794 | 208/216R | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:39 |
| S259 | 181 | 208/243 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:40 |
| S258 | 716 | 208/217 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:40 |
| S261 | 95 | 208/295 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:41 |
| S260 | 278 | 208/244 | US-PGRUB; USPAT | ADJ | ON | 2010/04/15 17:41 |
| S268 | 3 | (carbonyl sulfide or COS) same (titanium oxide or "TiO.sub.2") same (nickel or NiO) same treat \$4 | US-PGRUB; USPAT | ADJ | OFF | 2010/04/15 17:59 |
| L2 | 50 | (carbonyl sulfide or COS) same (titanium oxide or "TiO.sub.2") same (chromium or "Cr.sub.2O.sub.3") | US-PGRUB; USPAT | ADJ | OFF | 2010/04/19 07:12 |
| L1 | 38 | (carbonyl sulfide or COS) same (titanium oxide or "TiO.sub.2") same (chromium or "Cr.sub.2O.sub.3") same (nickel or NiO) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/19 07:12 |
| L4 | 0 | (carbonyl sulfide or COS) same (titanium oxide of "TiO.sub.2") same (chromium or "Cr.sub.2O.sub.3") same (nickel or NiO) | US-PGRUB; USPAT | ADJ | OFF | 2010/04/19 07:14 |

EAST Search History (1 Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------|--------------------------|------------------|---------|------------------|
| S262 | 50 | hida, kozo.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:48 |
| S263 | 56 | harada, masahiro.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:49 |
| S266 | 35 | honjo, shintaro.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:51 |
| S265 | 70 | okino, susumu.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:51 |
| S269 | 1 | johana, akira.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:52 |
| S271 | 40 | ishida, kazuo.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:53 |
| S270 | 13 | susaki, makoto.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:53 |
| S272 | 85 | nagano, hajime.in. | US-PGRUB; USPAT; UPAD | ADJ | ON | 2010/04/15 17:55 |

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| S273 | 0 | ((carbonyl sulfide or COS) and (titanium oxide or "TiO.sub.2") and (chromium oxide or "Cr.sub.2O.sub.3") and (nickel oxide or NiO) and (hydrogen sulfide or "H.sub.2S") and (oxygen or "O.sub.2")).dim. | USPAT; UPAD | ADJ | OFF | 2010/04/15 17:58 |
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